

Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/677,304
Filing Date	September 29, 2000
First Named Inventor	2834 Yukihisa TAKEUCHI
Art Unit	2834
Examiner Name	Dougherty, T.
Confirmation No.	2413
Attorney Docket No.	789_056 RCE

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

U.S. COPENDING APPLICATIONS

Exam. Initial	Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
TD	10/281,373 (claims only)	10/25/2002	Takeuchi et al.	789_055 DIV	—	—

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:	Thomas M. Dougherty	Date Considered:	7-7-03
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Attorney Docket No.	789 056 RCE

U.S. PATENT DOCUMENTS

Exam Initial	Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
mb	4,805,057	02/14/1989	Ogawa et al.		360	109	4/22/1987

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